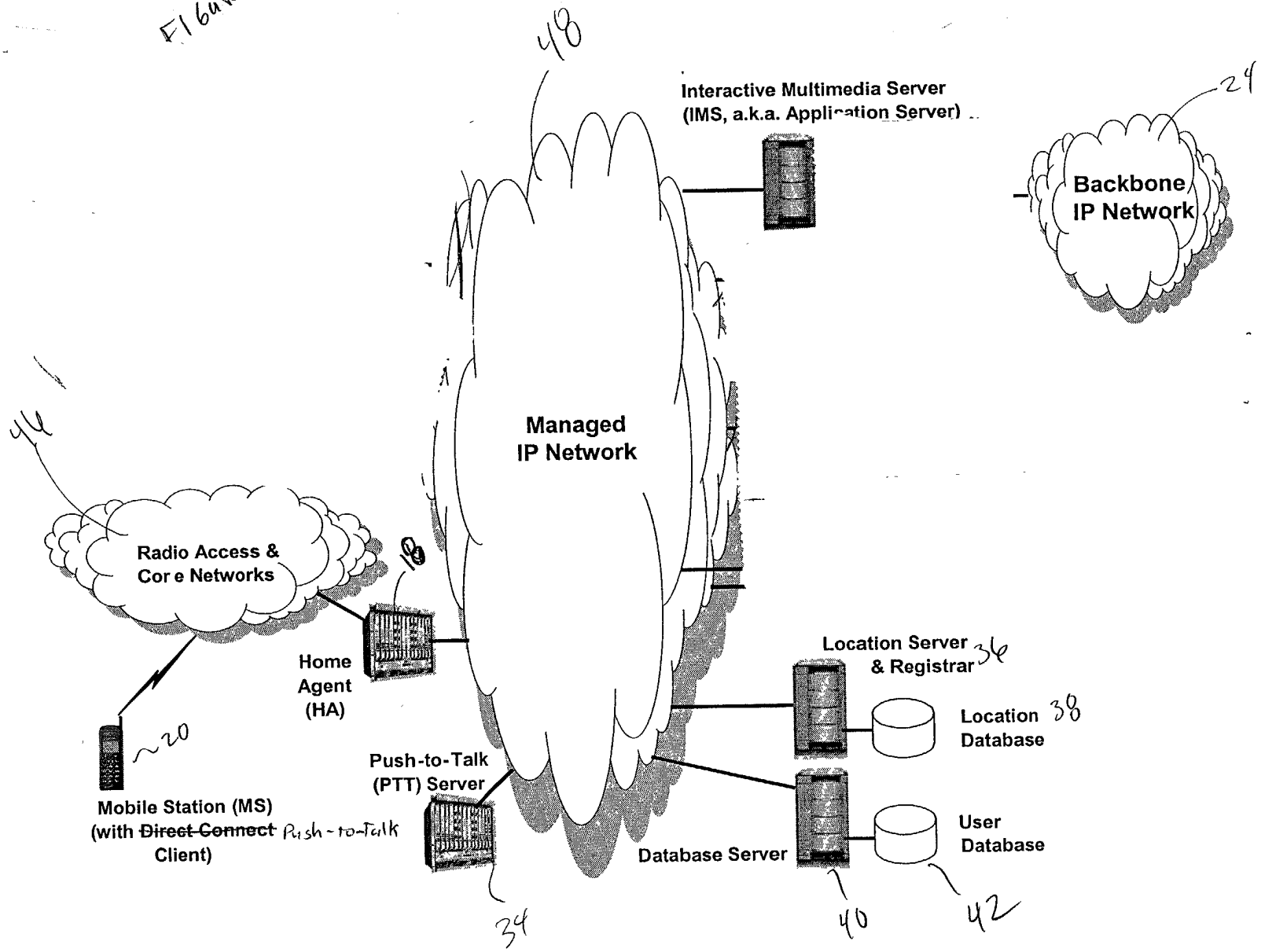
FOIA2F" 98082001

Figure 1



TO121T "980820OT

FIGURE 2

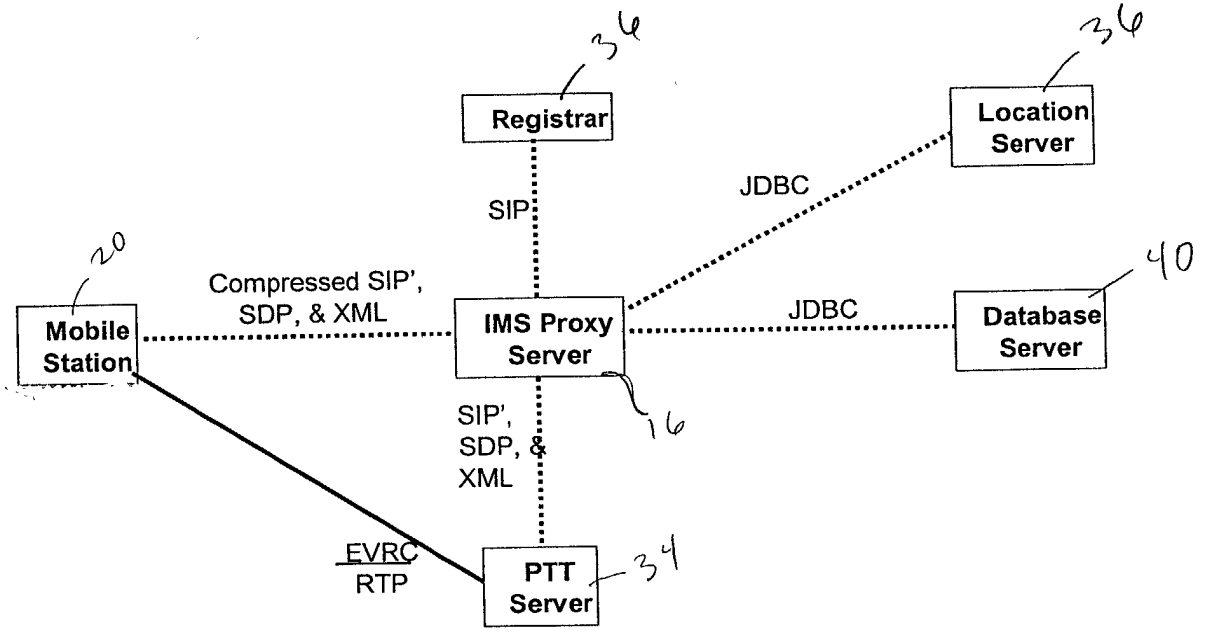
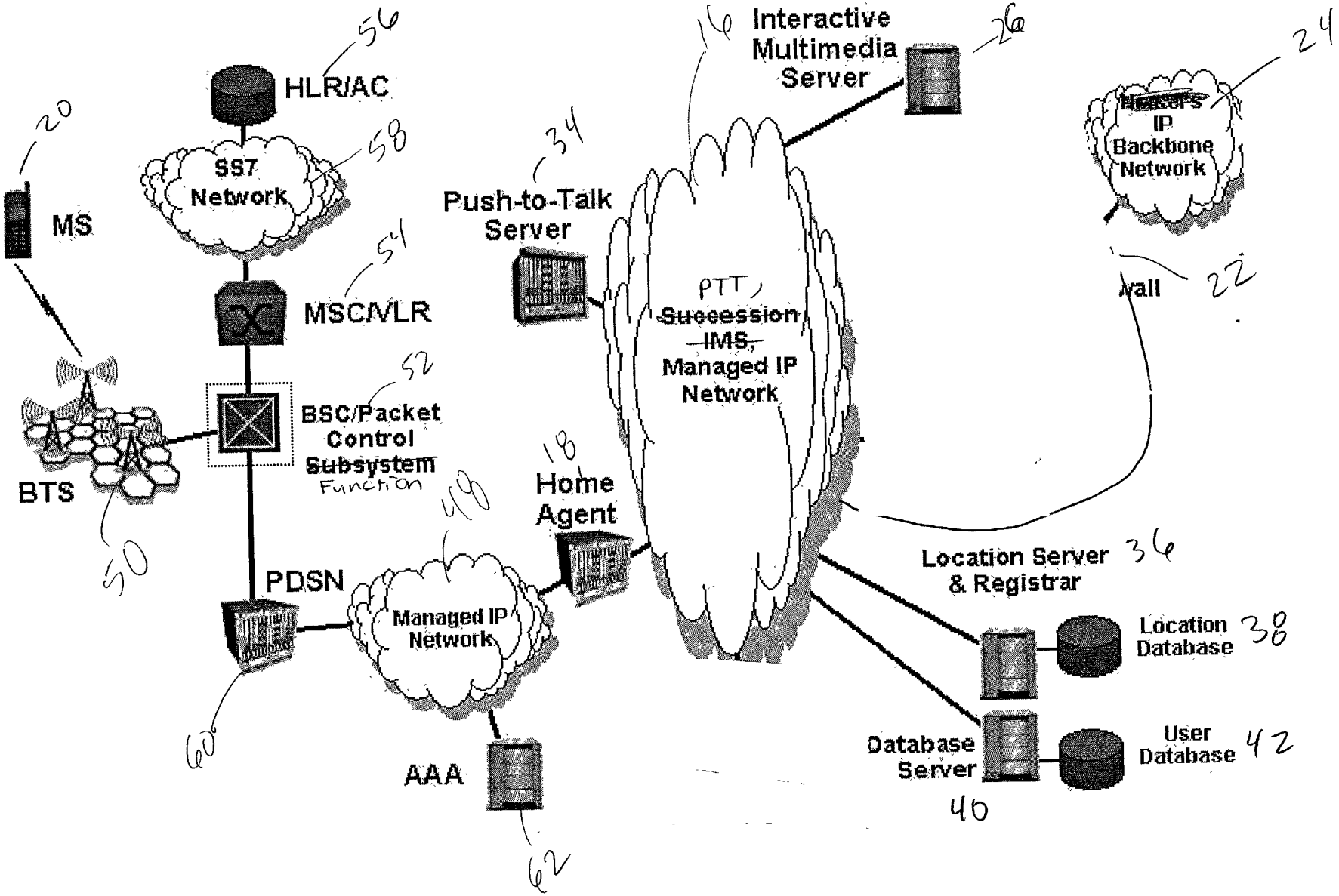


FIGURE 3


HLR/AC
56
SS7 Network
58
20
MS
MSC/VLR
54
BSC/Packet Control Subsystem Function
52
BTS
50
PDSN
60
Managed IP Network
48
AAA
62
Home Agent
18
Push-to-Talk Server
34
Interactive Multimedia Server
16
26
PTT, Succession IMS, Managed IP Network
IP Backbone Network
24
Wall
22
Location Server & Registrar
36
Location Database
38
Database Server
40
User Database
42

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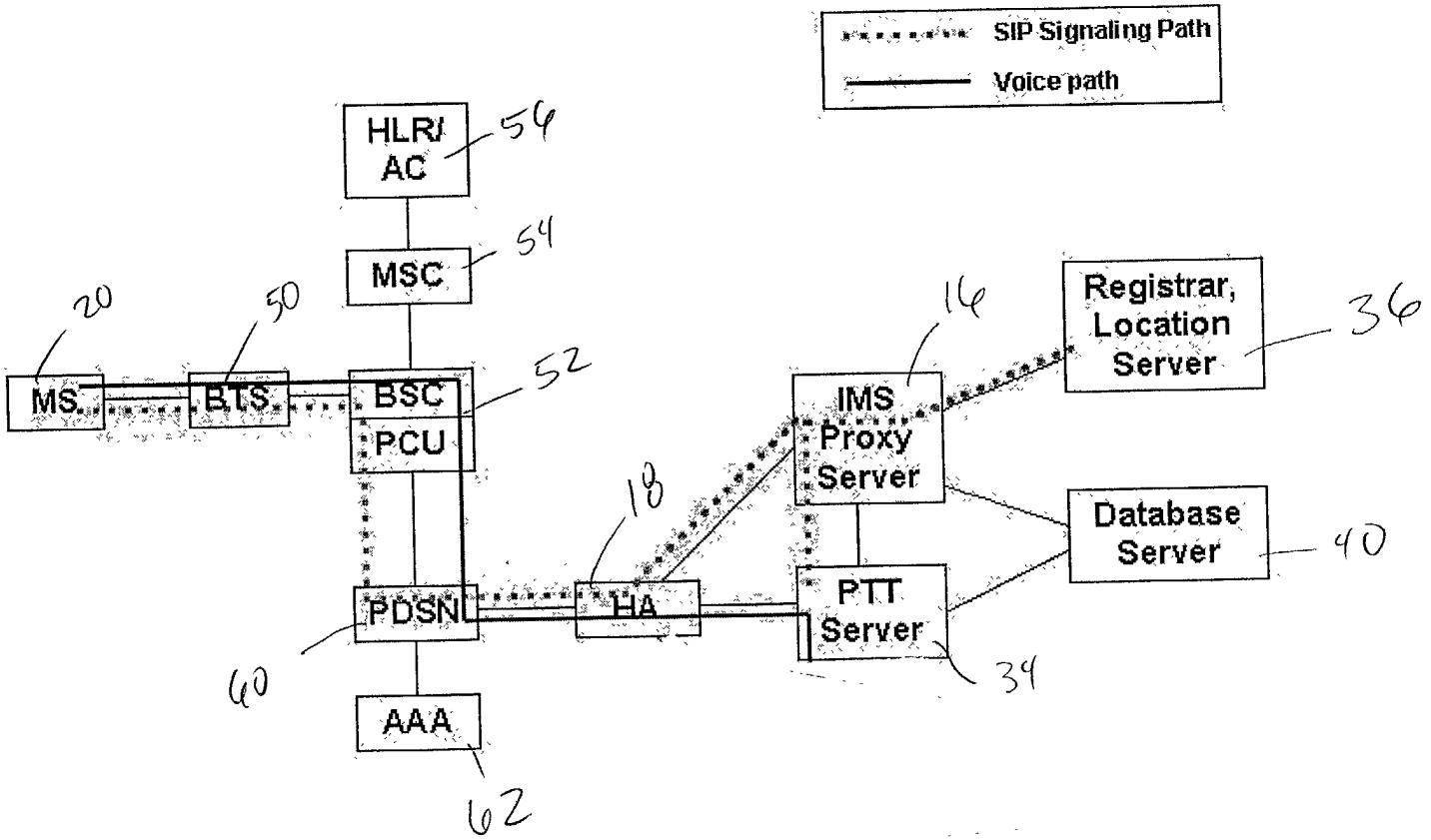
Direct Connect Architecture - Logical View



EDI22F "98092007"

Figure 5

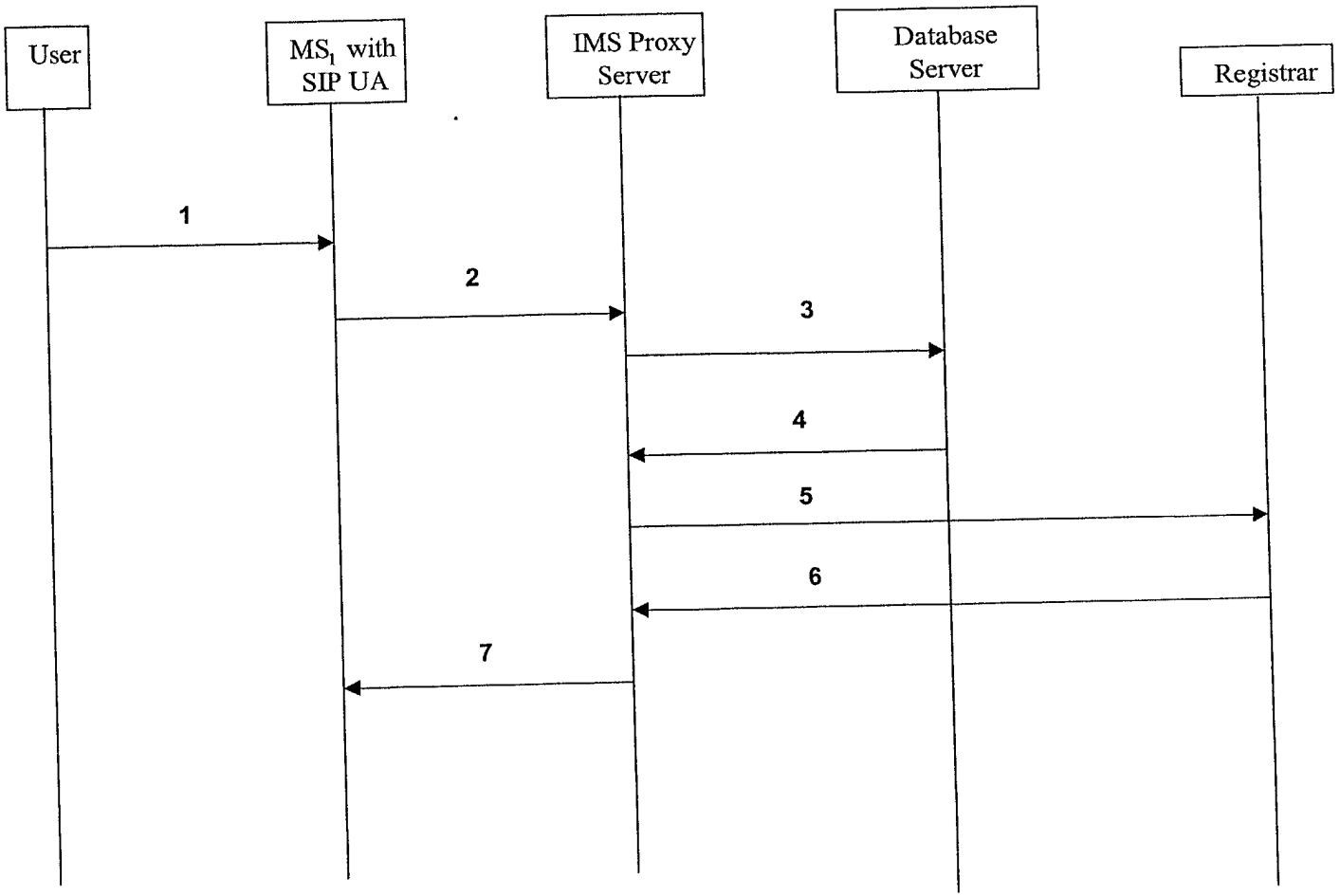


Figure 6

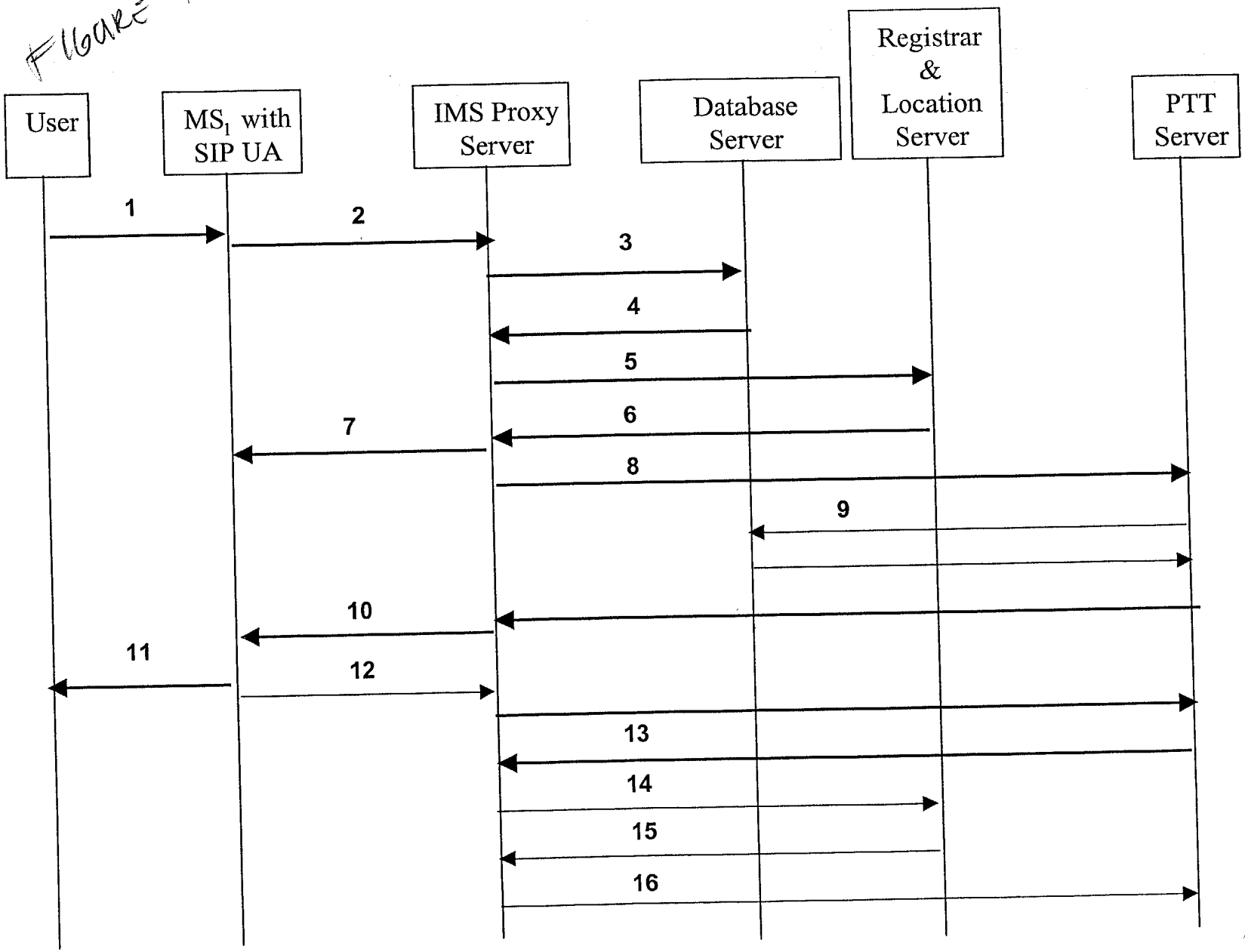

User
MS1 with SIP UA
IMS Proxy Server
Database Server
Registrar & Location Server
PTT Server
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

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FIGURE 1

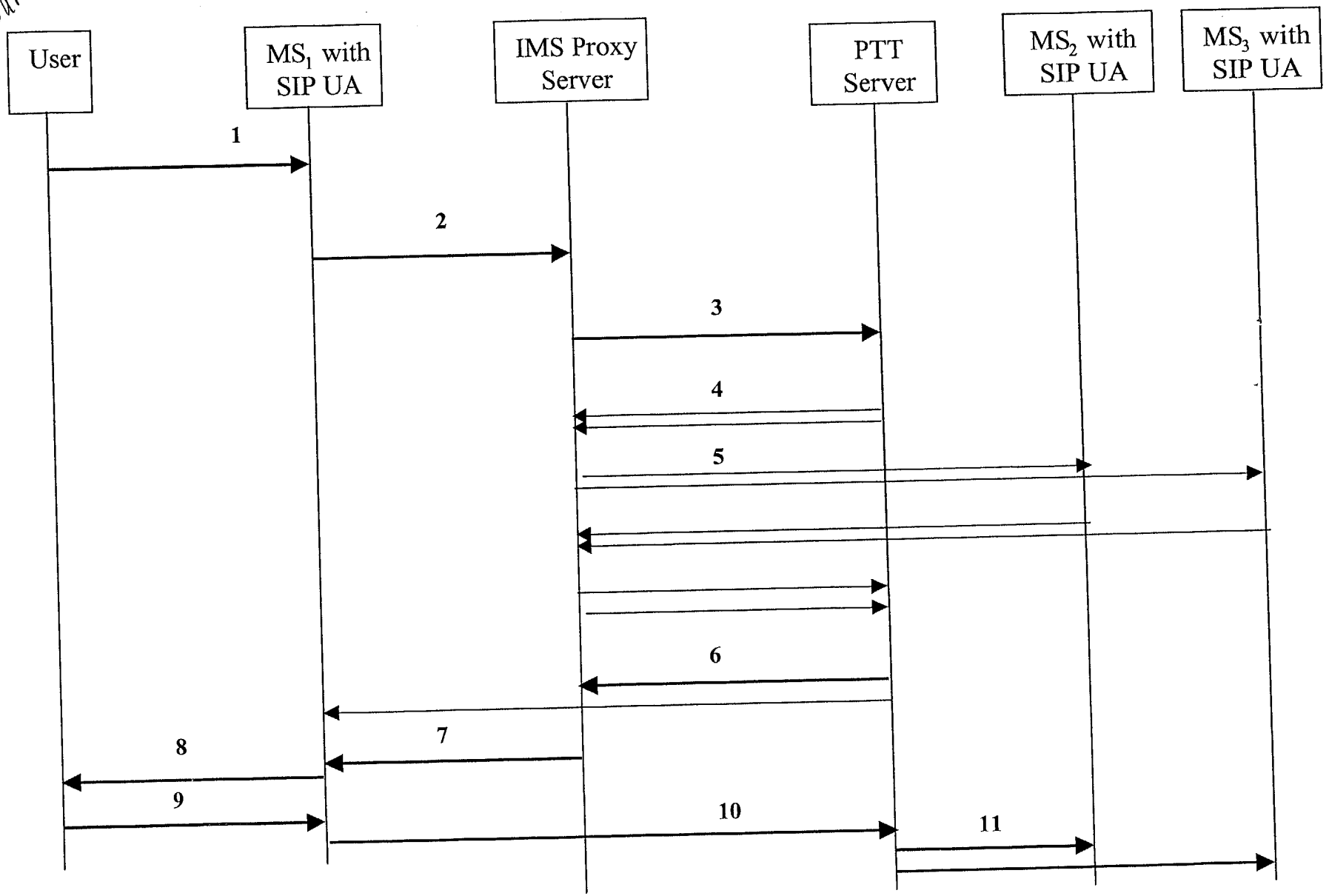


FIGURE 8

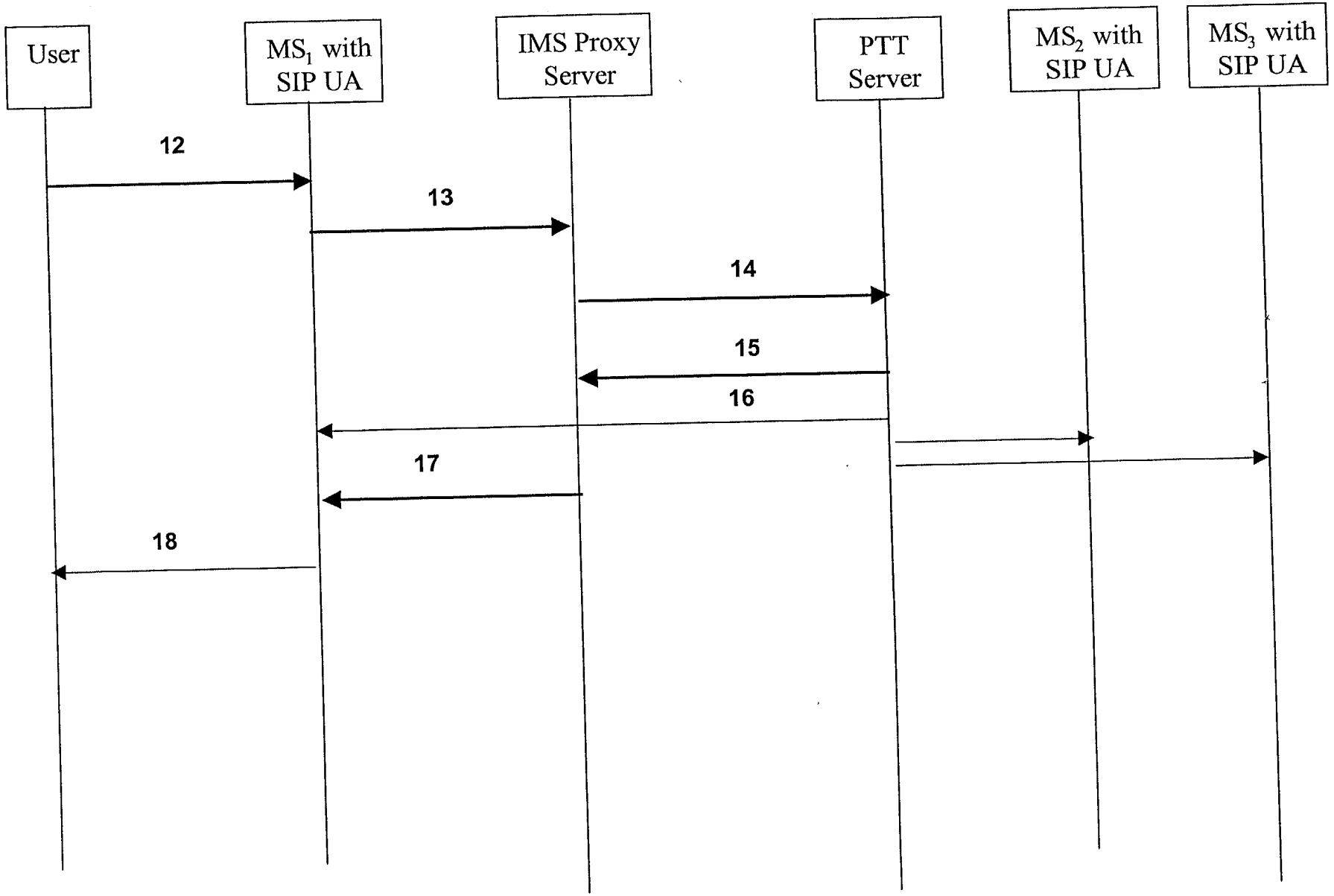

User
MS1 with SIP UA
IMS Proxy Server
PTT Server
MS2 with SIP UA
MS3 with SIP UA
12
13
14
15
16
17
18

FIGURE 9

FOT227 "98092004"

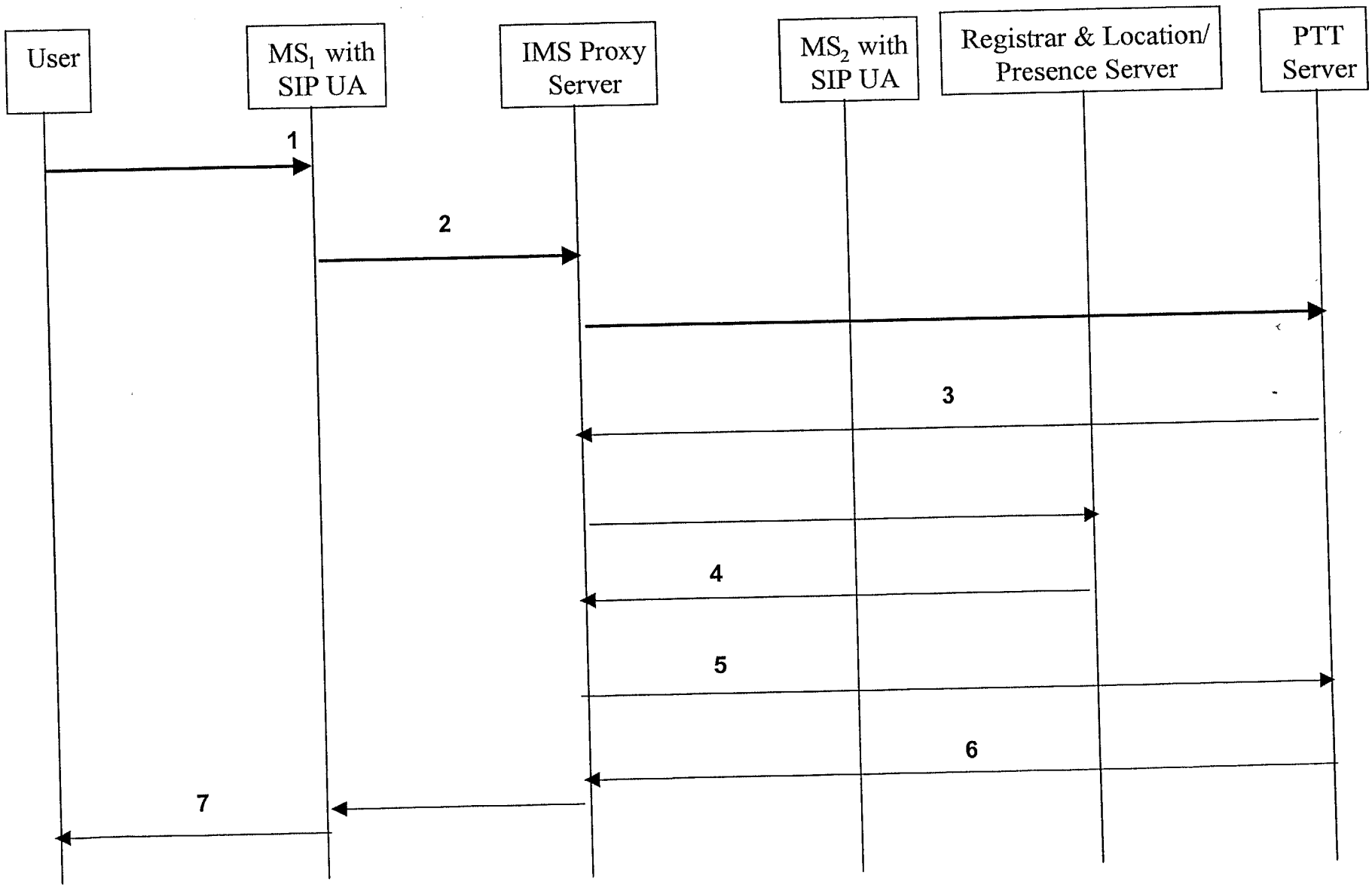


Figure 10

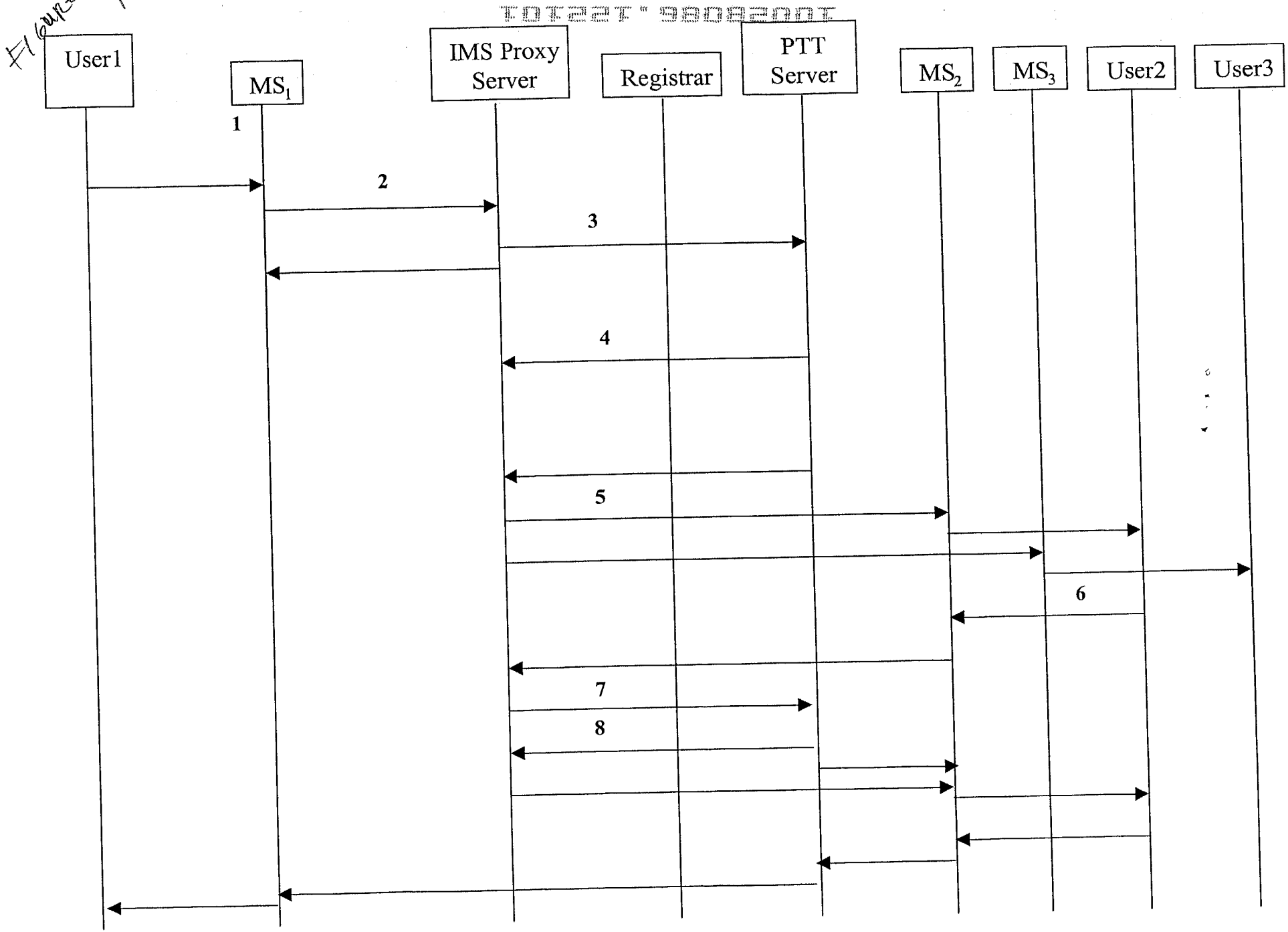

User1
MS1
IMS Proxy Server
Registrar
PTT Server
MS2
MS3
User2
User3
1
2
3
4
5
6
7
8

Figure 11

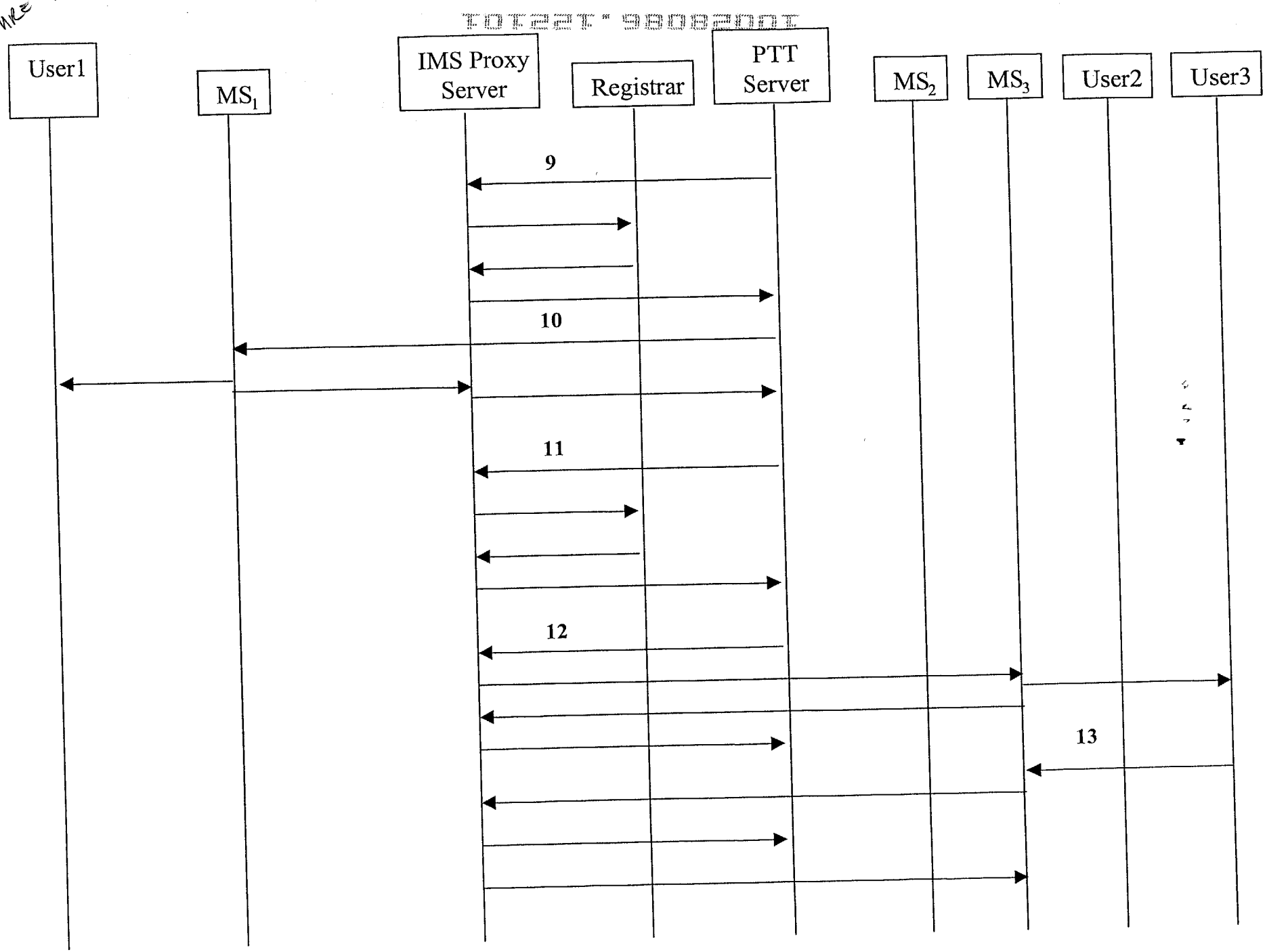
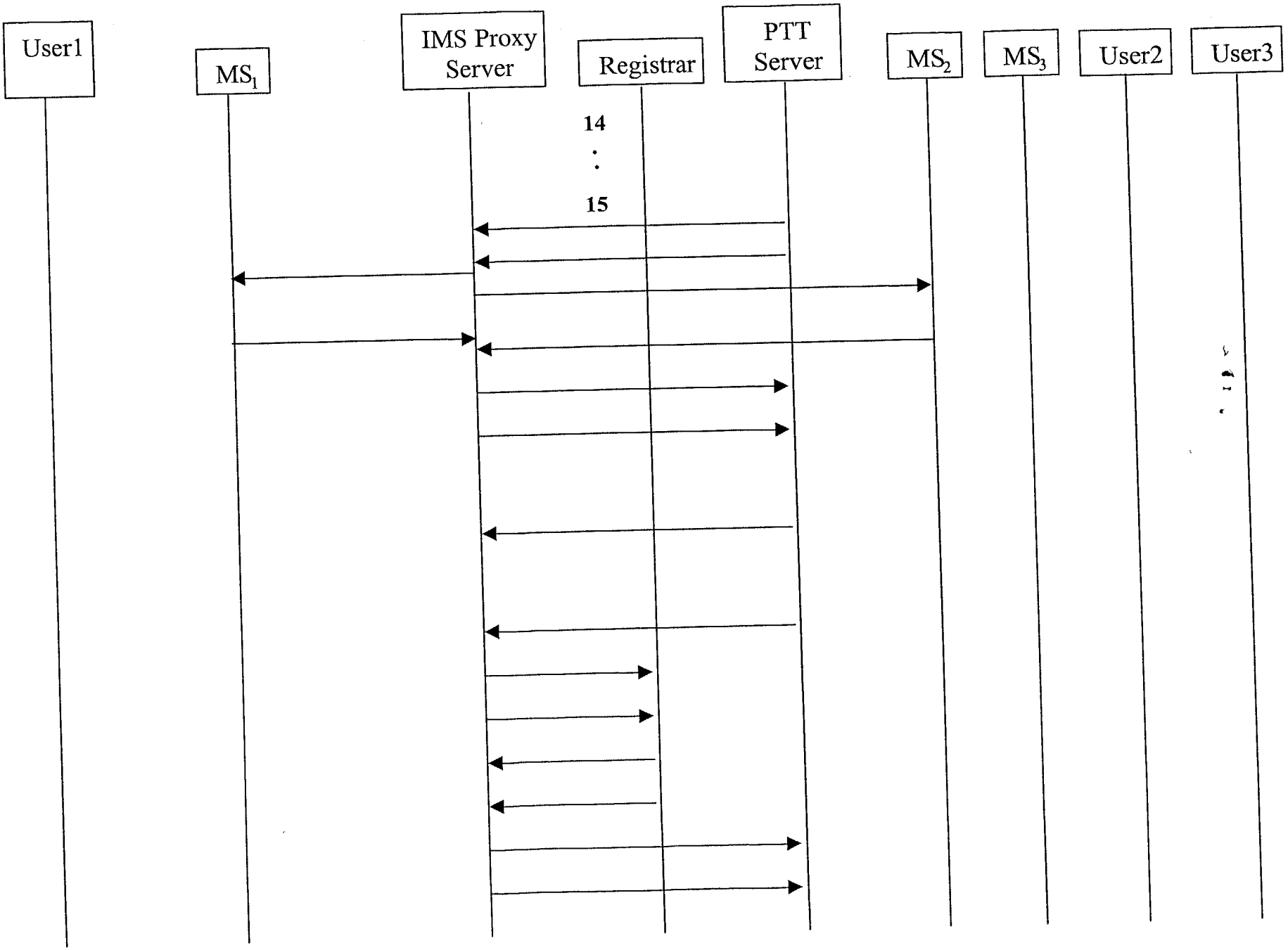

User1
MS1
IMS Proxy Server
Registrar
PTT Server
MS2
MS3
User2
User3
9
10
11
12
13

FIGURE 12


User1
MS1
IMS Proxy Server
Registrar
PTT Server
MS2
MS3
User2
User3
14
15